

CLAIMS

1. A composition for promoting collagen production, comprising a purine nucleic acid-related substance.
- 5 2. A composition for promoting collagen production according to Claim 1, further comprising a pyrimidine nucleic acid-related substance.
- 10 3. A composition for promoting collagen production according to Claim 1, wherein the purine nucleic acid-related substance is at least one member selected from the group consisting of adenine, adenosine, adenosine phosphate, a metabolite of adenosine phosphate, and a salt thereof.
- 15 4. A composition for promoting collagen production according to Claim 1, wherein the purine nucleic acid-related substance is at least one member selected from the group consisting of adenosine monophosphate and a salt thereof.
- 20 5. A composition for promoting collagen production according to Claim 1, wherein the purine nucleic acid-related substance is at least one member selected from the group consisting of adenosine 5'-monophosphate and a salt thereof.
- 25 6. A composition for promoting collagen production according to Claim 2, wherein the pyrimidine nucleic acid-related substance is at least one member selected from the group consisting of uracil, uridine, uridine phosphate, and a salt thereof.
- 30 7. A composition for promoting collagen production according to Claim 2, wherein the pyrimidine nucleic acid-related substance is at least one member selected from the group consisting of uridine monophosphate and a salt thereof.
- 35 8. A composition for promoting collagen production according to Claim 2, wherein the pyrimidine nucleic acid-related substance is

at least one member selected from the group consisting of uridine 5'-monophosphate and a salt thereof.

9. A composition for promoting collagen production according to Claim 5, wherein the purine nucleic acid-related substance is at least one member selected from the group consisting of adenine, adenosine, adenosine phosphate, a metabolite of adenosine phosphate, and a salt thereof and the pyrimidine nucleic acid-related substance is at least one member selected from the group consisting of uracil, uridine, 10 uridine phosphate, and a salt thereof.

10. A composition for promoting collagen production according to Claim 2, wherein the purine nucleic acid-related substance is selected from the group consisting of adenosine monophosphate and a salt thereof 15 and the pyrimidine nucleic acid-related substance is at least one member selected from the group consisting of uridine monophosphate and a salt thereof.

11. A composition for promoting collagen production according to 20 Claim 2, wherein the purine nucleic acid-related substance is selected from the group consisting of adenosine 5'-monophosphate and a salt thereof and the pyrimidine nucleic acid-related substance is at least one member selected from the group consisting of uridine 5'-monophosphate and a salt thereof.

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12. A composition for promoting collagen production according to Claim 2, wherein the composition contains the pyrimidine nucleic acid-related substance in a proportion of 0.001 to 100 parts by weight per part by weight of the purine nucleic acid-related substance.

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13. A composition for promoting collagen production according to Claim 1, wherein the composition contains the purine nucleic acid-related substance in a proportion of 0.01 to 10% by weight based on the total amount of the composition.

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14. A composition for promoting collagen production according to Claim 2, wherein the composition contains the pyrimidine nucleic acid-related substance in a proportion of 0.0001 to 10% by weight based on the total amount of the composition.

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15. A composition for promoting collagen production according to Claim 1 used for a cosmetic, or an externally-applied medical or quasi-medical drug.

10 16. A method for promoting collagen production, comprising applying to the skin a purine nucleic acid-related substance.

15 17. A method for promoting collagen production according to Claim 16, comprising applying to the skin a purine nucleic acid-related substance in combination with a pyrimidine nucleic acid-related substance.

20 18. A method for promoting collagen production according to Claim 16, comprising applying to the skin the composition for promoting collagen production of Claim 1.

19. A method for promoting collagen production according to Claim 17, comprising applying to the skin the composition for promoting collagen production of Claim 2.

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20. Use of a purine nucleic acid-related substance for preparation of a composition for promoting collagen production.

30 21. Use of a purine nucleic acid-related substance and a pyrimidine nucleic acid-related substance for preparation of a composition for promoting collagen production.